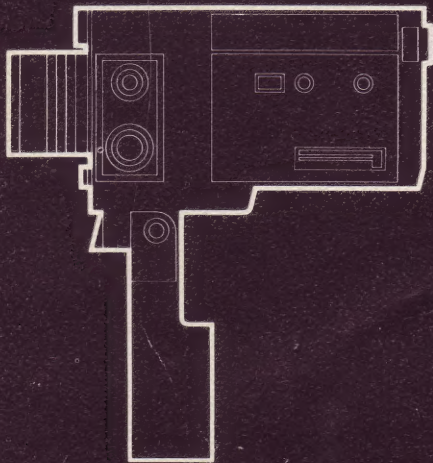
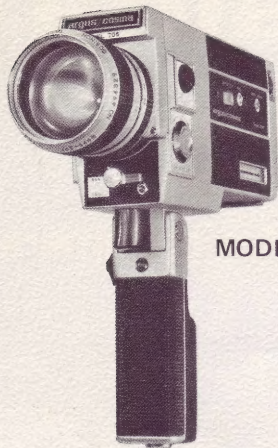


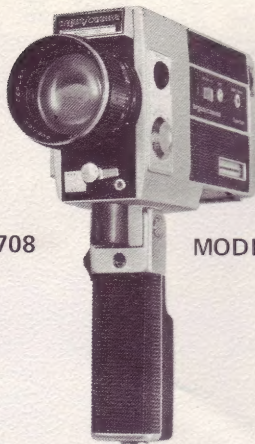
argus/cosina[®]



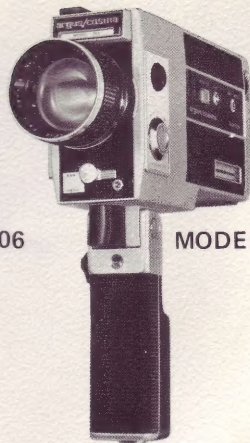
**Super Eight
Electric Zoom
Reflex Movie Camera**



MODEL-708



MODEL-706



MODEL-704

With the purchase of your **argus/cosina** super eight camera you have joined an entirely new generation of movie makers who enjoy a completely different system of filming and showing home movies. There are no film-speed dials to adjust, no filters to install or remove. No exposure factors to calculate-in short, no bother or worries at all! The film cartridge and the new automatic system built into your camera do everything for you — nothing is left for you to do except set the frame speed desired and have fun making movies. You never even touch the film.

en achetent votre caméra **argus/cosina** "Super-8" vous voilà membre de cette nouvelle génération de cinéastes qui emploient une nouvelle technique de prise de vues et projection de films d'amateur. Il n'y a pas de sélection de vitesses à régler, pas de filtres à monter ou à enlever. Pas d'exposition à calculer, bref ne vous souciez de rien! Le chargeur une fois installé, le système automatique s'occupe du reste. Mettez la vitesse désirée et filmez. Vous n'avez même pas à toucher le film.

SPECIFICATIONS OF argus/cosina MOVIE CAMERAS

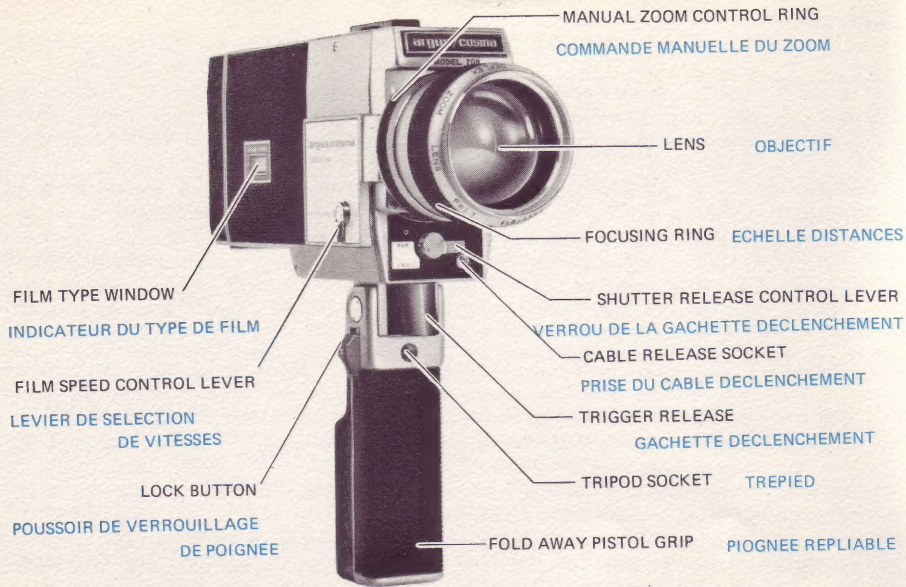
	Model 704	Model 706	Model 708
Lens:	Cosinon f/1.8 9~36 mm zoom lens (electric zoom; manual zoom provision)	Cosinon f/1.8 8~48 mm zoom lens (electric zoom; manual zoom provision)	Cosinon f/1.7 8~64 mm zoom lens (electric zoom; manual zoom provision)
Exposure Control:	Fully automatic Thru-the-Lens CdS exposure control; manual exposure control optional; ASA range 25, 40, 64, 100 and 160	Fully automatic Thru-the-Lens CdS exposure control; manual exposure control optional; ASA range 25, 40, 64, 100 and 160	Fully automatic Thru-the-Lens CdS exposure control; manual exposure control optional; ASA range 25, 40, 64, 100, 160 and 250

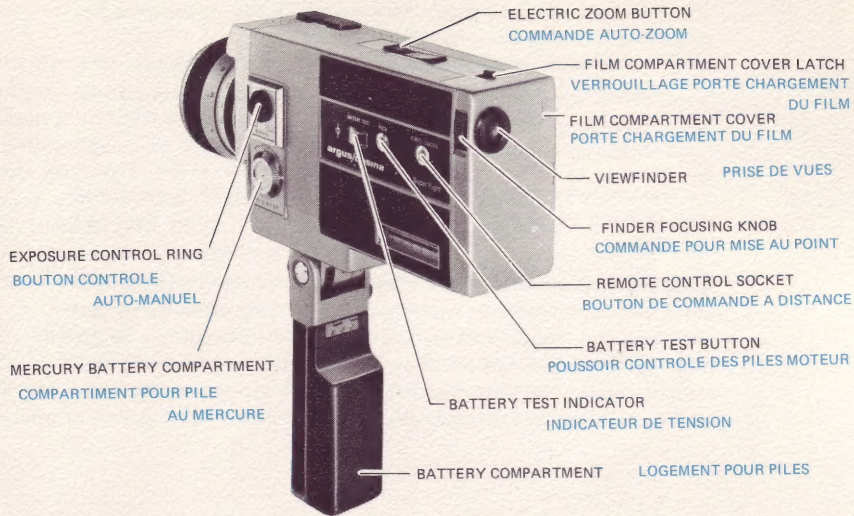
Viewfinder: Thru-the-Lens reflex viewfinder with provision for eyesight correction, aperture scale, lens opening and Over/Under exposure warning signal except Model 708, which has microprism viewfinder.

Focusing: Focus adjustment by rotation of the focusing ring; universal focus provision

Filming Speeds: 12, 18 and 24 fps. plus single-frame exposure; electric motor drive powered by four 1.5V AA- size batteries

Other Features: Built-in Type A filter, automatic resetting footage counter, shutter release control lever, battery tester, remote control, fold-away hand grip





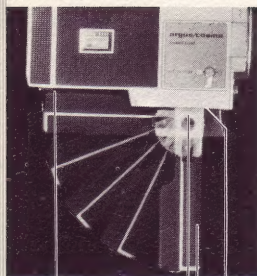
The first time you take the camera out of its box, there are a few things to get ready before you start filming:

- 1 Install batteries to power your camera's electric drive.
- 2 Install the small battery that powers your camera's automatic electric-eye exposure control.
- 3 Insert an instant-loading film cartridge.

... and you are ready for the first scene. However, we suggest you read through all of these instructions before you load-up and start shooting.

After the batteries have been installed and the film cartridge is in place, setting the camera's Automatic-Manual Control to AUTO and unlocking the Trigger Release are all you ever have to do to get ready for filming! When you have exposed all of the film, open the camera, remove the cartridge and send it off for processing, insert another cartridge and continue shooting!

Your **argus/cosina** 700 series camera features a retractable PISTOL GRIP which folds back against the base of the camera for easy storage when not in use. To extend the grip, grasp the bottom of the camera in the cup of your right hand, press down on the pistol grip LOCK BUTTON with your thumb and swing the grip down and forward until it locks. Reversing this procedure, (pressing the button and swinging the grip back and upwards) locks it against the bottom of the camera again. With this grip in the retracted position, the camera can be mounted on a tripod, using the TRIPOD SOCKET provided.



RETRACTED POSITION

POSITION EN RETRAIT

LOCK BUTTON

BOUTON VERROU

EXTENDED POSITION

POSITION EN EXTENSION

TRIPOD SOCKET

ATTACHE TRIEPIED

POIGNEE PISTOLET

Votre caméra **argus/cosina** 700 a une POIGNEE PISTOLET rabattable sous votre caméra et en réduit l'encombrement. Pour déplier la poignée prenez le dessous de la caméra dans la main droite, enfoncez le bouton de verrouillage de poignée avec le pouce et rabattez la poignée vers l'avant jusqu'à enclenchement.

L'opération inverse (appuyer sur le poussoir de verrouillage de poignée et rabattre la poignée vers le haut) verrouillera la poignée contre le fond de la caméra. Quand la poignée est rebattue il est possible de monter la caméra sur un repied en utilisant l'attache-trépied à cet effect.

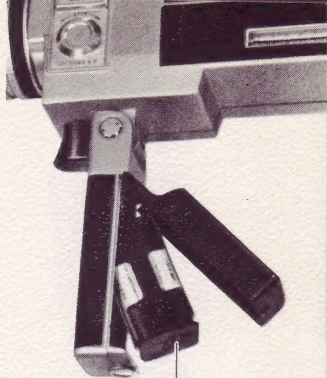
INSTALLING DRIVE BATTERIES

With the pistol grip extended, open the DRIVE BATTERY COMPARTMENT by turning counterclockwise the BATTERY COVER LOCK KNOB. Take out the BATTERY CASE and install four size "AA" penlight batteries according to the positive-negative markers inside the BATTERY CASE. Return BATTERY CASE to proper position in the PISTOL GRIP, close and lock the battery cover securely.

COMMENT PLACER LES PILES MOTEUR

Lorsque la poignée pistolet est tirée, ouvrez le logement pour piles en tournant le verrou du logement pour piles dans le sens contraire des aiguilles d'une montre. Sortez le boîtier à piles et installez quatre piles de type "AA", en respectant les marques positives et négatives dans le boîtier. Remettez le boîtier dans la poignée pistolet en position correcte, puis fermez et verrouillez soigneusement le logement pour piles.

* montrez la photo du boîtier et de la poignée pistolet en position ouverte comme à la page 2 du livret de mode d'emploi Cosina



BATTERY COMPARTMENT
LOGEMENT POUR PILES MOTEUR



TRIGGER RELEASE
GACHETTE DECLenchement

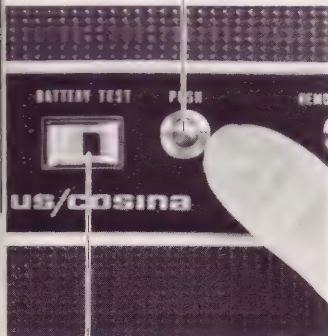
Press the TRIGGER RELEASE briefly to see that power is being supplied properly. If motor does not run, check battery installation for correct position and contact. (Reversing the polarity position of the batteries will cause the camera mechanism and zoom lens drive to run backwards.)

Your Argus dealer can supply you with several types of batteries. Some are high-energy types which provide much longer life. Any of the following kinds are suitable and will provide approximately the life shown, depending on their age, temperature conditions and other variables which affect battery life.

STANDARD CARBON ZINC	up to 4 cartridges
HEAVY DUTY CARBOK ZINC. . .	up to 6 cartridges
MANGANESE-ALKALINE	up to 20 cartridges
MERCURY	up to 28 cartridges

Weak batteries will slow the camera's filming speed and cause action to be greatly exaggerated on the screen. It is a good idea to frequently check the energy remaining in your batteries and replace them with a fresh set at the first sign of weakness.

BATTERY TEST BUTTON
BOUTON CONTROLE PILES

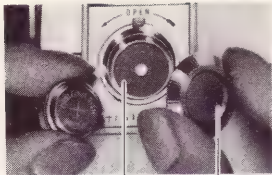


BATTERY TEST INDICATOR
INDICATEUR DE TENSION

BATTERY TEST

When the batteries are first installed and every time you use the camera, depress the BATTERY TEST button and note the position of the ENERGY LEVEL INDICATOR. If it appears anywhere in the clear zone, the right hand section of the meter, the batteries are still good. If not the batteries are too weak to operate the camera properly and should be replaced.

ELECTRIC EYE SYSTEM



BATTERY COVER
COUVERCLE DE PILE BOITIEF

BATTERY COMPARTMENT
COMPARTIMENT POUR PILE

LENS OPENING INDICATOR
INDICATEUR-DIAPHRAGME

WARNING ZONE
ZONE AVERTISSEMENT



This system is powered by a 1.35-volt mercury battery. (One is supplied with your camera in a slot in the plastic packing.) To install the battery, first turn the battery cover in the direction of the arrow approximately one turn to the open position. Insert the battery in the compartment positive (+) side facing up. Replace the cover by reversing the removal procedure, and pressing down slightly while turning to CLOSE.

Instead of weakening slowly, this kind of battery generally fails almost immediately when it becomes exhausted. **To check your battery's condition**, look through the Data Scope viewfinder while the camera is pointed toward any brightly lighted scene. (Be sure the camera is set on AUTO.) If the battery is still good, the electric-eye mechanism will respond rapidly, showing a movement of the LENS-OPENING INDICATOR away from the red WARNING ZONE.

AUTOMATIC -MANUAL CONTROL



The electric eye exposure control takes power from the battery only when the EXPOSURE CONTROL DIAL is in the AUTO or MANUAL position. When the camera is not in use move the EXPOSURE CONTROL DIAL to the OFF position and the circuit is then automatically off to conserve power. If a fresh battery is needed your Argus dealer can supply you with the proper replacement type (MALLORY PX-13, EVEREADY EPX-13, BURGESS HPX-13, or equivalent.)

Set EXPOSURE CONTROL DIAL to AUTO position whenever you want to use the automatic exposure control system. When set on AUTO, the camera's lens opening will automatically increase and decrease, while you are filming, continually adjusting for correct exposure in all suitable light conditions. "Suitable" conditions exist whenever the EXPOSURE INDICATOR in the VIEWFINDER shows any area of the aperture other than the red warning zone. If the red warning zone is visible at the exposure indicator marker, there is insufficient light for correct exposure and you should stop filming.

The lens opening being set by the electric eye (f 1.8 to f 22) is always visible in the viewfinder when the EXPOSURE INDICATOR is set on AUTO.

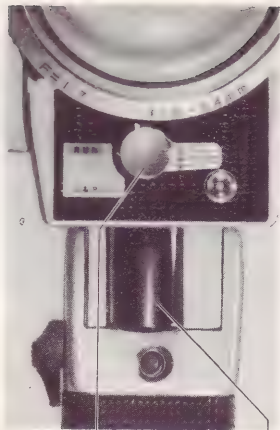


You can use this feature as a light meter to determine the proper lens setting for unusual conditions where the electric-eye may provide an undesirable exposure.

For instance, if your principal subject is an extremely dark one and in an extremely light background, or if your subject is strongly back-lighted, you may elect to use a manual setting.

With the automatic-manual control set on AUTO, hold the camera aimed at your subject at close range (so as to exclude the contrasting background from view) and note the lens-opening setting in the viewfinder. Then return to your shooting position and turn the exposure control indicator dial toward MANUAL until the desired setting is "fixed" in the viewfinder. Now shoot the scene at this MANUAL setting.

Be sure to return the control to AUTO position when you want to resume automatic exposure. Moving the dial to OFF position locks the electric-eye mechanism against damage by sudden jolts or vibrations. The control should be set on OFF position whenever the camera is stored or shipped for any reason.



TRIGGER RUN-LOCK LEVER
DÉTENTE OU VERT-FERMÉ LEVIER

TRIGGER RELEASE
GACHETTE DE DECLenchement

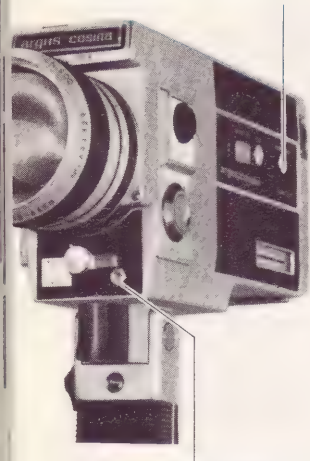
Remember, whenever you want automatically exposed movies, you must keep this control set on AUTO. Check frequently to see that it has not been unintentionally moved between scenes, and be alert for free movement of the lens-opening in the indicator zone of the viewfinder while filming.

SHOOTING

There are three ways to operate the camera: (1) with the TRIGGER RELEASE for normal filming with camera hand-held; (2) with the REMOTE CONTROL CORD for filming with camera on a tripod; (3) with a CABLE RELEASE for single-frame filming.

For continuous filming lever is first set to RUN then moved to the L & R.L position while pressing the shutter release trigger. With the camera on a tripod you can get in the picture yourself! To stop the camera move the TRIGGER RELEASE LEVER to RUN position and let the release return forward. You can move the release lever to the L & R.L position as a safety lock on the release in its forward position to prevent running the camera accidentally whenever it is left unattended.

REMOTE CONTROL SOCKET
PRISE DE COMMANDE A DISTANCE



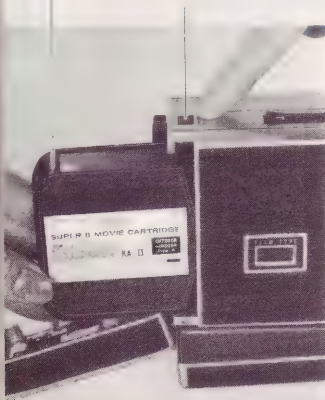
CABLE RELEASE SOCKET
PRISE DU CABLE DECLENCHEMENT

A remote control cord (available from your Argus dealer) can be attached in the REMOTE CONTROL SOCKET. When installed, depress the trigger release all the way and lock it in the RUN position with the release lock lever. Locking the release in this way will **not** run the camera. Filming is then started by pushing the remote control switch to ON.

A cable release (available from your Argus dealer) can be attached in the CABLE RELEASE SOCKET. Any ASA American-thread release will fit. The cable release, when depressed, starts the camera's drive motor and permits a single frame at a time to be exposed for making titles, animated sequences, or time-lapse movies.

NOTE: The camera motor will continue to run as long as the cable release is depressed, but the shutter is activated to expose only one frame each time you depress and release the cable plunger. Remote control and single frame filming should be done on a tripod.

COVER RELEASE LATCH
VERROU PORTE ARRIERE
CHARGEMENT DE FILM



INSERTING THE FILM CARTRIDGE

The remarkable Super 8 cartridge is the key to all of the effortless, trouble-free, no-worry features which **argus/cosina** has built into your camera. A tiny portion of film is exposed at the front edge of the cartridge, ready to engage **automatically** with your camera's drive and shutter mechanism.

All the old fashion, complicated systems for home movie making are eliminated. Instead, you simply open the camera by pushing the **COVER RELEASE LATCH** in direction of the arrow and the camera cover will automatically swing open. Insert the film cartridge, label-side up, — to window and press it gently toward the taking lens and close cover. You're ready to shoot after only a one second press of the trigger to take-up the exposed leader.

1 The camera's **FOOTAGE COUNTER** is automatically reset to 0 and will indicate the number of feet exposed in the cartridge. When the counter reaches 50, stop taking picture, but continue to run the camera for a few seconds to wind the film through the cartridge to the end. (The motor will seem to speed-up slightly when the end of the film is reached.)

The **FILM SPEED** for the type of film in your cartridge is automatically set in your camera's electric-eye exposure system as soon as you close the cover. This is accomplished by a special sensor built into your camera. (For film speed A.S.A. range see specifications page 2)

La **SENSIBILITE DU FILM** selon le type de film dans votre chargeur est transmis automatiquement dans le système diaphragme par oeil électronique aussitôt que vous refermez la porte arrière. Ceci est possible grâce à un dispositif special incorporé dans votre caméra (pour les différentes sensibilités de film ASA voyez les caractéristiques à la page 2)

MOVIES INDOORS

As soon as you attach your movie light in the slot on top of your camera another built in sensor automatically moves the filter away from the lens.

Should you use — off camera light source you must place the special key bracket furnished with your camera in the same slot provided for your movie light.

The built-in type—A filter is for use in outdoor movie filming only. It is always in the lens position unless moved by means as described above.

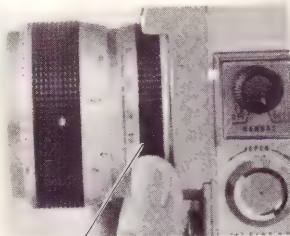
PRISE DE VUE A L'INTERIEUR

Dès que vous attachez le spot caméra dans l'enclencheur audessus de la caméra un autre dispositif écarte automatiquement le filtre de l'objectif.

Au cas où vous employez une source de lumière séparée de la caméra placez la tige spéciale fournie avec la camera dans l'enclencheur que vous utilisez pour le spot caméra.

Le filtre de type A incorporé n'est utilise que pour les prises de vue à l'exterieur. Il est toujours en position devant l'objectif à moins qu'il ne soit déplacé comme indiqué ci-dessus.





MANUAL ZOOM CONTROL RING
COMMANDE MANUELLE DU ZOOM

FINDER FOCUSING KNOB
COMMANDE POUR MISE AU POINT



FOCUSING THE LENS

Your camera has a reflex viewfinder which lets you see exactly what will be recorded on the film. To focus through the viewfinder you must first adjust the camera to your eye. Instructions for this and the focusing operation are illustrated below.

adjust camera to your eye by:

1. Pressing zoom button "T" to set lens at extreme telephoto position.
2. Set the focus ring to infinity.
3. Viewing a distant scene (infinity distance) rotate viewfinder focus knob until image appears sharp & clear.

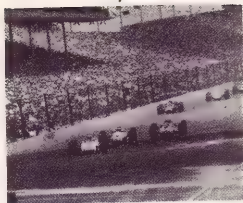
Focus camera by following step 1 above and then while viewing scene to be taken, rotate lens focusing ring until image in the viewfinder appears sharp & clear. You are now ready to shoot pictures at this distance throughout the zoom range from telephoto to wide angle.

For Model 708, you have additional aid of a split image viewfinder. Simply select any vertical line in scene being shot and move lens ring until image in upper half of circle is aligned with image in lower half of circle and you will have a critically sharp picture.

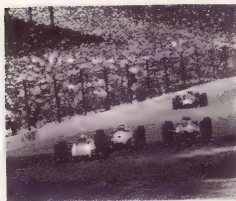
VIEWING AND ZOOMING

Your camera's zoom lens is a single lens which does the work of several. Your scenes can be framed as though you had backed away from your subject, or as though you had moved in for a close-up-all without your taking a single step. The zooming effect is always visible in the viewfinder (as shown in the illustrations for different lens positions).

To preview the best lens position for your scene before you begin filming, move the **MANUAL ZOOM CONTROL** from wide angle (**WIDE**) to telephoto (**TELE**) and back, until you see the desired effect in the viewfinder.



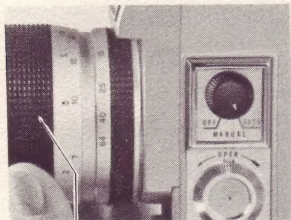
WIDE



NORMAL.



TELEPHOTO



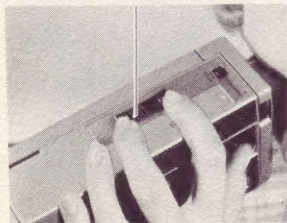
FOCUSING RING
ECHELLE DISTANCES

ELECTRIC ZOOM BUTTON

The zoom feature is both electrically and manually controlled. These controls are operated as illustrated below.

Manual zoom

rotate zoom control at back of lens, clockwise or counter clockwise, until you have the desired field of view.



Automatic zoom

Pressing the "T" (telephoto) or "W" (wide angle) positions on electric zoom control button at top of camera will move lens as desired towards telephoto or wide angle position.

TIPS FOR BETTER MOVIES

Always hold the camera as steady as possible when taking movies. Any slight wavering of the camera will be very obvious when your movies are projected. Use a tripod when possible.

Take pictures with the sun behind you whenever possible. The electric eye can "read" the scene and set the lens more accurately if this rule is followed.

"Panning" is the term used when the camera is moved horizontally or vertically when making movies. This should be done slowly and carefully to avoid unwanted effects such as jerking movements and blurring of the picture. When panning scenic pictures, filming in slow motion (24 f. p. s.) will greatly improve the smoothness of the projected pictures.

Plan your movies in advance to add a feeling of continuity to them. Try filming your movies in a story sequence instead of a series of unrelated scenes.

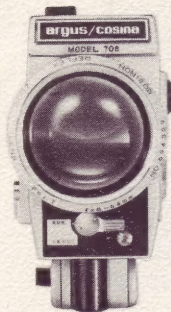
CARE AND CLEANING

Time your scenes so that they are at least five or six seconds in length. Scenes can always be cut when editing.

When taking movies indoors with a movie light, be sure you have Type-A film in the camera. The electric eye will set the exposure automatically. Keep your subject closer to the background than to the camera to assure even lighting.

Your **argus/cosina** camera is a fine precision instrument and deserves the best care. Protect it from jarring or vibration and from extremes of heat, moisture, and dust. Keep the camera set on L & R.L-LOCK and in the carrying case when not in use. Clean out the interior of the camera occasionally with a small camel's hair brush. Be sure to brush away any dirt or particles that may be in the film gate or they may show up in your movies. Do not attempt to remove or oil any part of your camera.

To clean the front of the camera lens, blow the dust off first, then use a camel's hair brush or lens tissue. Use lens cleaning fluid sparingly and only if it becomes necessary. Lens cleaning materials are available from your Argus dealer.

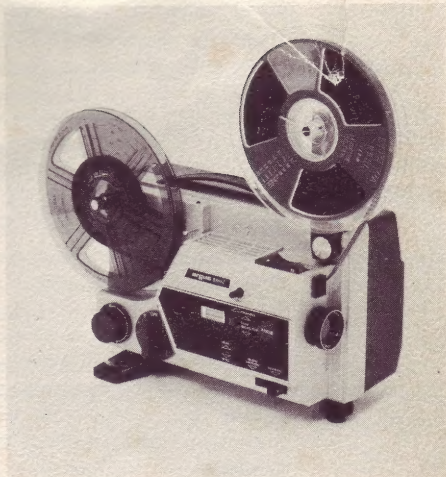


THE PERFECT
PROJECTOR COMPANION
FOR YOUR NEWLY ACQUIRED
ARGUS/COSINA MOVIE CAMERA

ARGUS DUALMASTER 880Z
AND 890Z PROJECTORS

Here are two perfect projector companions for your new Argus/Cosina movie camera—the Argus Dualmaster 880Z and 890Z Movie Projectors—available at your Argus dealer.

They offer a new patented Dual 8 Single Sprocket System for steadier movies, ease of operation, and the ultimate in film protection, plus a f/1.5 zoom lens, 500 watt screen brilliance and many more convenient features. The 890Z, in addition, provides variable speed slow motion down to 4 frames per second.



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Printed in Japan
72-10/10,000